

FOLIO

University of Alberta

8 August 1985

Stadium Car Park 'hors de combat'

Stadium Car Park will be closed from 9 to 26 August. Grouting work on the expansion joints is the reason for the closure. It was intended that the facility remain open while repairs were made but the accumulated traffic made the grouting unstable.

Stadium Car Park will close at 4 p.m. on 9 August and reopen at 7 a.m. on 26 August.

Parking permits for Stadium Car Park will be honored at Windsor Car Park and at Zone X (the Jubilee Auditorium lot.) □

Raymond Lemieux Wins Gairdner Foundation International Award

Raymond Lemieux is one of six scientists to receive a 1985 Gairdner Foundation International Award. The Professor of Organic Chemistry will be honored on 25 October in Toronto.

This year's recipients were selected from more than 100 nominees by the Foundation's Medical Advisory Board.

Each award is valued at \$20,000 but the prestige factor is what captures the attention. "This is the most prestigious Canadian scientific award, for which outstanding nominees from all over the world compete," says J. Gordin, Vice-President (Research). Forty-seven winners of the Gairdner awards have later won the Nobel prize.

The Gairdner Foundation noted that Dr. Lemieux and his colleagues have used chemical methods to synthesize carbohydrate chains that confer blood-group specificity. "His studies of these synthetic structures will increase our understanding of how carbohydrates on living cells

interact with proteins."

Although he recently retired from the University of Alberta, Dr. Lemieux intends to continue his research in carbohydrate chemistry here.

Dr. Lemieux and the other recipients will present lectures at the University of Toronto on 24 and 25 October.

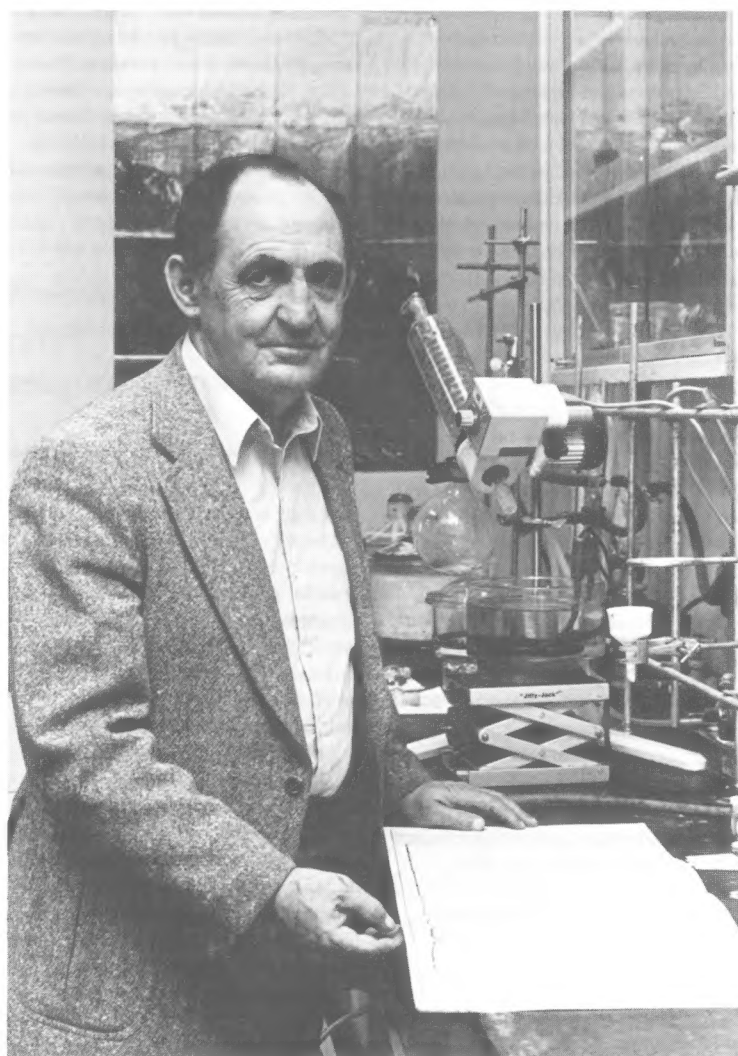
The Gairdner Foundation is 28 years old. A charitable foundation, its funds derive from the personal gifts of the late James A. Gairdner, a stockbroker and industrialist, and members of his family. Throughout his life, Mr. Gairdner exhibited a practical interest in clinical medicine and medical research. In establishing the Gairdner Foundation International Awards, he stipulated that winners were free to make personal use of their awards in any way they chose.

Between 1957 and 1985, the Foundation has honored 174 scientists from a number of countries, including Argentina, Australia, Belgium, Canada, England, France, Switzerland and the United States.

Early on, awards went to scientists in clinical medicine, particularly in the fields of arthritis, rheumatism and heart disease. More recently, awards have been presented to immunologists and molecular biologists.

The Gairdner Awards encourage and reward individuals who have helped in the conquest of disease and the relief of human suffering. The Foundation hopes that the awards will "assist in focusing the attention of the public and of the medical community upon scientific achievements in the medical field. It is also hoped that the awards will contribute to improved communication of ideas among scientists."

In addition to the program of lectures at the University of Toronto, the Foundation invites each recipient to speak at another university in Canada.



A Man of Many Awards

Besides the Gairdner Foundation Award, Dr. Lemieux has received eight honorary degrees, the I.K. Killam Award from the Canada Council, the C.S. Hudson Award from the American Chemical Society and the Haultain Prize from the Province of Alberta.

The other recipients are Stanley Cohen, Vanderbilt University; Paul C. Lauterbur, State University of New York at Stony Brook; Mary F. Lyon, Medical Research Council

Radiobiology Unit, Oxfordshire, England; Mark Ptashne, Harvard University; and Charles Yanofsky, Stanford University. □

Contents

- Malcolm Paterson: AHFMR Scientist
- John Holub at helm of Technology Transfer Program
- Marion Shipley a builder of the community
- Admission applications up



Heritage Medical Scientist to Address Hereditary Aspects Underlying Cancer

Saying that cancer research is in an upbeat phase now, Malcolm Paterson, a "molecular detective," is about to get down to cases with the fundamental processes of the disease.

Dr. Paterson, Alberta's newest Heritage Medical Scientist, is cautiously optimistic about the prospects for significant advancements in cancer research as it is now possible to identify, isolate and study at the molecular level genes that have been incriminated.

Having joined the Cross Cancer Institute from Chalk River Nuclear Laboratories, Dr. Paterson will continue his studies of molecular mechanisms underlying the interaction between environmental agents and hereditary factors in the cause and course of human cancer.

He wants to clarify just how carcinogen-induced damage to cellular DNA and the imperfect repair of that damage by enzymatic processes can start a chain of events which may result in cancer.

Cancer researchers have traditionally concentrated on various carcinogens present in the environment; Dr. Paterson considers the genetic component "by far the most potent risk factor." Ecogenetics is the study of heritable variations in response to toxic environmental agents, particularly those causing cancer, and Dr. Paterson is a leading investigator in this new field. He and his colleagues (two Heritage Scholars, five post-doctoral fellows and a support staff of four) will conduct clinical laboratory studies on rare hereditary disorders, for example, ataxia telangiectasia (AT). This is a neurovascular and cancer-prone disease with a difference: conventional radiation treatment is not therapeutic and can in fact be lethal for AT patients with cancer. Persons with AT are few and far between but the estimated one percent of the population which carries the defective gene is thought to be about five times more likely to die of cancer before the age of 45 than the general population. The realization that five percent of all cancer fatalities in early adulthood may be carriers of AT spurs Dr. Paterson's hunt for a reliable test to identify such carriers.

We will be studying a wide range of individuals afflicted with inherited or familial diseases predisposing to cancer, Dr. Paterson told *Folio*.

Oncogenes, described as "one of

the hottest areas in cancer research," will also be studied by the group. (Proto-oncogenes seemingly direct the growth of embryonic cells and are turned off at birth until something presumably turns these normal genes on again—perhaps chemical carcinogens, radiation or viruses. They then become oncogenes that stimulate cell proliferation.)

"What we want to do now is explore at the molecular level how radiation, ultraviolet light and chemical carcinogens are able to turn on proto-oncogenes and how inherited defects can enhance this process and thereby predispose certain people to certain cancers."

The \$2 million research effort will not be confined to the Cross Cancer Institute. Dr. Paterson says it is important to "make our way within

the whole medical community in Edmonton, particularly the University's Faculty of Medicine." Since the work will be very dependent upon clinicians drawing the group's attention to some peculiar occurrence of cancer, Dr. Paterson would like to function as a marriage broker between the clinical researcher and the basic scientist.

As he sees it, advancements are made not by individuals but by collective efforts of entire research communities. It is these efforts that "ultimately should win the day. In cancer research you are studying the innermost workings of a human cell and that is a formidable challenge. You have to be content with small victories as they come."

The proposed program, then, calls for an interdisciplinary and in-depth study in order to exploit

certain rare mistakes of nature and thereby derive new concepts and general principles of the molecular biology of neoplasia.

Malcolm Paterson had been at Chalk River since 1973. The position he vacated to take up the AHFMR appointment was that of Senior Research Officer in the Health Sciences Division.

A graduate of Royal Military College (BSc, 1966), Queen's University (MSc, Biology, 1969) and the University of Tennessee (PhD, Biomedical Sciences, 1972), he was the first recipient (1981) of the Canadian Federation of Biological Societies' Malcolm Brown Memorial Award. The award is made on the basis of originality and importance of the contributions made to biology by a scientist in Canada under age 40. □

University Plays Prominent Role in International Congress on Engineering and Food

From 7 to 10 July, Edmonton hosted the 4th International Congress on Engineering and Food.

The Congress, which was held previously in Boston, Helsinki and Dublin, offered to government, industry and University personnel a forum for the discussion of the application of engineering and scientific principles to the field of food science and technology.

About 300 delegates from 27 countries attended.

The scientific program consisted of seven symposia at which experts of international reputation spoke on matters ranging from food freezing and food extrusion engineering to alternate energy sources in food processing and genetic engineering for food uses. In addition, more than 130 papers were presented orally in technical sessions and others in poster sessions in areas such as food process engineering, physical properties and rheology, dairy engineering, mathematical modelling and computer simulations, heat and mass transfer and transfer of technology.

The Congress was sponsored by the Faculties of Agriculture and Engineering, the Canadian Institute of Food Science and Technology, the Canadian Society for Chemical Engineering and a host of international organizations. It was sup-

ported by grants from the University of Alberta, NSERC, Regional Industrial Expansion (Government of Canada) and the Agricultural Research Council of Alberta.

Members of the Departments of

Food Science and Chemical Engineering, under the chairmanship of M. Le Maguer, Professor of Food Engineering, organized the Congress. □

Computed Tomography System Turned Over to Alberta Research Council

Oil sands researchers will be able to see three-dimensional images of bitumen test samples thanks to a recently acquired X-ray computed tomography (CT) system once used for brain scans.

The CT equipment is a gift to the Alberta Research Council from the University of Alberta Hospitals and the Foothills Hospital in Calgary.

A decade ago, computed tomography was on the leading edge of medical technology and the two hospitals were the first in Western Canada to have CT scanners. Rapid technological advances in medical research have rendered this equipment obsolete, but it is getting a new lease on life in oil sands research through the joint effort of Ray Hansen, Director of Radiology

at the University Hospitals; Paul Schmidt, Manager of Radiology, Foothills Hospital; and George Sedgwick, Oil Sands Research Department.

In oil sands cores and test packs, a sequence of CT scans can be taken at successive intervals to give a complete map of the fluids and how they vary with time. Researchers can see the actual physical mechanisms controlling the flow through the porous sands for any given bitumen recovery process.

With such high resolution 3-D images, scientists have one more tool to enhance their knowledge of existing processes and assist in the development of new recovery methods. □



Come and Get It They Did

The annual Picnic in the Quad was once again a big success, drawing a grand total of 999 people, 200 more than last year. The Housing and Food Services-sponsored event featured entertainment by New Orleans Connection and a Dixie Land Band, but high winds prevented the inflation of a hot air balloon.

Wildlife Disease Association About to Convene 34th Annual Conference

The 1985 Wildlife Disease Association (WDA) Conference will be held on campus 12 to 16 August. It is taking place in conjunction with the Fourth International Theriological Congress and the Fourth International Caribou Symposium (22 to 25 August in Whitehorse).

The main symposium, "Survival in the Cold: Adaptations to a Northern Environment," will discuss how northern big game (deer, pronghorn) and their parasites and diseases overwinter in the north. Speakers include Morley Barrett of the Environmental Centre at Vegreville; Gary Wobeser, Western College of Veterinary Medicine, University of Saskatchewan; and Robert L. Rausch, University of Washington.

The Wildlife Disease Association is dedicated to the conservation of wildlife through sharing the study and understanding of diseases of wild animals. The objective of the Association is to advance knowledge of the effects of infectious, parasitic, toxic and physiologic diseases and other factors upon the health and survival of free-living and captive wild animals, upon populations of wild animals and upon their relationships to man.

The Association has approximately 200 Canadian members, 1,800 U.S. members and at least 500 members from other countries. Organizers are expecting 150 delegates to attend this meeting, the first in Western Canada. □

Selection Committees for Deans

Advisory Selection Committees have begun their searches for **Deans of the Faculties of Home Economics, Law, Pharmacy and Pharmaceutical Sciences, Physical Education and Recreation, and Science.** Appointments will take effect 1 July 1986 or as soon as candidates approved by the Board of Governors are available. Incumbent Deans Bachynsky and Glassford have confirmed their candidacies for reappointment.

Suggestions of possible candidates and assessments of the leadership needs of these Faculties are invited. Nominations or applications, accompanied in the latter case by a detailed résumé of qualifications and experience and the names of three referees, should be submitted to Dr. J. Peter Meekison, Vice-President (Academic), 3-5 University Hall, by 1 November 1985 for Deans of Home Economics, Law, Pharmacy, and Physical Education, and by 15 October 1985 for Dean of Science.

Head of Technology Transfer Program Named

John Holub, formerly the Head of the Industrial Development Department at the Alberta Research Council (ARC), has been appointed Head of the recently established Technology Transfer Program in the Office of Research Services. Mr. Holub began his duties on 1 July last.

Sponsored by the National Research Council (NRC) and funded by its Program for Industry Laboratory Projects, the Program is designed to hasten commercialization of University research and development projects. The objective of the Program is to increase the involvement of industry with University personnel and research projects and to bring new products to the consumer market.

Mr. Holub will concentrate on identifying industries with whom the University can cooperate in joint ventures and, in turn, locate suitable research projects on campus which can be twinned with industry throughout the province.

Mr. Holub has been responsible

for the ARC Assistance to Industry Program which combined technology transfer with engineering assistance to industry. The Program, funded by the NRC, provided hands-on design and laboratory work in new product development, plant design and operation, and problem solving and included providing funding for companies with research and development projects showing good potential. In this capacity, Mr. Holub was Chairman of the ARC Patent Committee. His responsibilities included the commercialization of ARC-developed technology.

During his 20-year association with the ARC, Mr. Holub was also Head of Technical Information Services and helped provide assistance to Alberta's 2,500 manufacturing industries. Previously, he was an industrial engineer, advising the provincial manufacturing industry on all aspects of productivity improvement, production management and facilities planning. □

Of Fire Towers, Library Books and the University

What have fire towers to do with the University of Alberta and library books? The missing link is the Faculty of Extension, which provides a free book-lending service to individuals who "man" fire towers in Northern Alberta from early March to September.

The popular service is renewed with the issuing of a reminder notice and an updated catalogue of the Library's holdings. Readers may indicate which books they want, but sometimes the more adventurous let the librarian choose for them. The books are packaged eight in a bundle and dropped off at tower sites twice a month.

Since this service is integrated into the main Extension Library, it is difficult to estimate the number of books circulated to fire tower operatives. Librarian Sylvia Dubrue says that topics vary widely. "We send out everything from the classics to really 'far-out' things like a book called *The Restaurant at the end of the Universe*."

The service was started in 1976 on the assumption that, with the creation and expansion of regional

library systems, the Extension Library would lose some of its customers. Fortunately, there was no decrease in service, and the Library established a new and unique clientele. □

In-house Rate for Display Advertisers Trimmed

Starting with the 5 September 1985 issue of *Folio*, the 40 percent discount for University display advertisers will decrease to 15 percent—an industry norm.

As has been the case, the discount is available only to those units which have a University account number in effect.

All display advertising will be typeset according to *Folio* standards and camera-ready copy is requested. The deadline continues to be 3 p.m. one week in advance of desired publication date. □

Marion Agnes Shipley, 1920 - 1985

Long-time friends and associates of Marion Agnes (Lockerbie) Shipley were shocked and grieved by the news of her death on 19 July 1985 in a highway accident near Blue River, B.C.

Marion Lockerbie was born in Edmonton. She attended Garneau Public School and Garneau High School and graduated from the University of Alberta in 1943 with a BSc (Agriculture) specializing in horticulture. She married George Shipley, a 1949 graduate in Engineering from the University of Alberta.

Throughout her life, Marion Shipley devoted her training, talents and energy to a great variety of volunteer activities that served the immediate needs of the community or were intended for its long-range betterment. In recog-

nition of her outstanding contributions she was awarded a Doctor of Laws by the University of Alberta in 1984, the Alberta Achievement Award in 1980, and Certificates of Appreciation from the City of Edmonton for work done in planning and neighborhood development (1976), citizen participation and charitable appeals (1976) and for "Women in the Arts" during International Women's Year (1975).

Dr. Shipley's volunteer work began when she finished university. She was a founder of and worked with the Veterans Wives Group at the University from 1945 to 1949. She joined the Junior Hospital League at about the same time. She was the first President of the successor organization, the Junior League of Edmonton (1959-60), and

served on many of its committees. She was made an Honorary Life Member in 1982.

Her many other community activities were mainly in association with the Edmonton Art Gallery, Government House Foundation, the Edmonton Symphony Society, the Alberta Ballet Company, Fort Edmonton Historical Foundation, the University of Alberta and the Ikebana Club of Edmonton.

She was a member of the Board of Directors of the Edmonton Art Gallery for nine years. She also belonged to the Gallery's Women's Society for many years and served as its President in 1968-69. She helped to develop the Society's Art Fair and served as Chairman in 1962-63. She was a devoted volunteer in the Society's Art Rental and Docent (Tour Guide) programs. She was named its first Honorary Life Member in 1979.

From 1978 onwards, Dr. Shipley was a member of Government House Foundation. As Chairman of its Sculpture Committee for 1981, she did much to promote recognition and appreciation of the works of Alberta artists.

Dr. Shipley served on the Board of the Edmonton Symphony Society for nine years. She was a long-time member of that Society's Women's Committee, and of its Board. She served as President (1962 to 1964), Chairman and Co-Chairman of the Rummage Committee (about four years) and Chairman of the Treasurer's Committee (seven years). She became the first Honorary Life Member of the Women's Committee in 1976. From 1978 to 1980, she was a member of a fund-raising committee for the Alberta Ballet Company.

From 1969, Dr. Shipley was a member of the Board of the Fort Edmonton Historical Foundation. She served as Honorary Secretary, Membership Secretary and Chairman of the M.E. Wolfe Memorial Fund. In recognition of her efforts in the creation of Fort Edmonton, she served as its Honorary Chief Factor in 1978.

In 1971, the Friends of the University of Alberta Devonian Botanic Garden was chartered as a charitable Alberta society to raise funds and promote the development of the University's Botanic Garden (founded in 1959). Dr. Shipley was a founding member of the Friends' Board of Trustees and its second President (1973 to 1977). She was also a valued advisor in the development of the Garden and helped to organize many special events. She was the Chairman of

the Friends' Kurimoto Japanese Garden Committee which has been busy since 1978 planning and raising funds for a 2.5-hectare garden designed by Tadashi Kubo of Osaka Prefecture University. The proposed garden is named in honor of the late Yuichi Kurimoto of Nagoya, a distinguished educator and first Japanese graduate (1930) of the University of Alberta. It is intended to serve as an enduring symbol of respect for the garden arts of Japan, for cordial cultural and economic relations between Canada and Japan and for the promotion of friendship and affiliation between Alberta and its sister prefecture, Hokkaido. In 1971, Dr. Shipley organized the Botanic Garden Club whose members raise funds for the Garden by creating and selling flower arrangements and by operating the Garden Shop. She was the Club's first President (1971 to 1975) and served a second term (1976 to 1981).

Dr. Shipley contributed her knowledge and skills to the University in other ways besides those relating to the Botanic Garden. She was a public member of the University Collections Committee (1977 to 1980) and a founding member of the Friends of the University of Alberta Museums. She was Chairman of the very successful "Japanese Experience" for Kodoscope '83, the cultural component of the World University Games that were held in Edmonton in 1983. This featured artists and artisans from Japan who are members of the Intercultural Society for the Arts, Tokyo.

As a founding member and President of the Ikebana Club of Edmonton from 1969, Dr. Shipley had close ties with many members of the Japanese community in Edmonton. With the help of the Intercultural Society for the Arts, Tokyo, she played an important part in organizing an exhibition and sale of Japanese calligraphy and wood block prints that was held in Edmonton in 1984.

Dr. Shipley was a member and volunteer worker of the First Presbyterian Church, Edmonton. A memorial service was held for her there on 25 July. She is survived by her husband, George, a daughter, Muriel (Mrs. K. Buchkowski), and three sons, Douglas, Jim and Reg. She is mourned by many who admired and respected her for her generous and unflagging devotion of time, energy and imagination to a wide range of projects for betterment of the community in which she lived. □



Activities

University Professor L.C. Green has returned from Seoul, Korea, where he spent a semester as Visiting Professor of International Law. He taught at the Graduate Institute of Peace Studies, Kyung Hee University. Of late, Professor Green has published *Essays on the Modern Law of War* and a 36-page article entitled "War Crimes, Extradition and Command Responsibility."...**Martine A. Jaworski** has been awarded \$94,000 by the Medical Research Council of Canada. Dr. Jaworski, a member of the Department of Pediatrics and the Muttart Diabetes Research and Training Centre, has this project cut out for her: "Tissue-specific and generalized autoimmunity in the BB rat and in human insulin-dependent diabetes mellitus (IDDM)." Another \$58,168 has been directed her way by Juvenile Diabetes Foundation International for the project "Cyclosporin prophylaxis and reversal of insulin-dependent diabetes mellitus in the BB rat."...The seventh president in the 82-year history of Alberta College is Reginald Harvey Pridham. Dr. Pridham, who succeeds Sherburne McCurdy, earned a BEd at our University in 1968...AOSTRA has awarded grants to **Loren Hepler** and **O.P. Strausz**. Dr. Hepler, Professor of Chemistry and Chemical Engineering, will receive \$229,200 over the next two years for his project "Thermodynamics and Colloid Science Applied to Oil Sands." Dr. Strausz, Professor of Chemistry, was awarded two contracts which began on 1 July. Both a three-year project valued at \$510,000 and a one-year project for \$75,000 concern the production of oil from the oil sands...The Pharmacology Department of the Faculty of Medicine recently gave second-year students a tutorial pertaining to the Pharmacology 411 course. Said exercise was to prepare them for the National Board Examinations on 11 and 13 June. **S. Clanachan, D. Cook, B. Dryden, G. Hunter** and **P. Smith** spent four hours reviewing the pharmacology course taken in the first year and the medical class of 1984 was most appreciative. Class representative **Paul Trepanier** says, "We thank them for their interest in our education not only during the winter session but during the summer break as well."

Admissions - Winter Session 1985-86

As of 3 July, this office [Registrar's] has processed a total of 11,694 applications for admission. This constitutes an increase of 182 applications compared to the same time last year. By the same date, we had processed 5,424 applications for re-admission; 209 less than had been processed by the same time last year.

NSERC Releases Five-Year Plan

The Natural Sciences and Engineering Research Council (NSERC) recently released its second Five-Year Plan, which calls for "a major national effort to expand the potential of Canada's universities to do research and to produce large numbers of highly trained research specialists that will be required by this nation."

The Plan was released by NSERC President Gordon MacNabb, who emphasized the need for Canada to move away from dependence on export of our physical resources and toward an economy increasingly based on the innovative and intellectual capacity of Canadians. Although background studies for the Plan indicate that this may be very difficult, Mr. MacNabb claims that a major component of the solution is "a national commitment to pursue frontier research and research training, with the same conviction and funding priority as has been given to frontier oil and gas exploration in the past."

Canadian industries and governments are increasingly searching out the excellent research talent existing within our university system, despite the fact that the system is already stretched to the breaking point by heavy teaching loads and inadequate research facilities, he said. The programs of support outlined in the Five-Year Plan are, the Council believes, prerequisites to the attainment of even very modest research and development progress in Canada.

The Five-Year Plan would see the budget of the Council more than double by 1990, increasing from \$311.6 million in 1984-85 to \$702.9 million (1984-85 dollars). Most of the increase (a real growth of 18 percent per year) would go to meet the critical need for improved research infrastructure and expanded researcher training. □

As the necessary documents arrive in support of these applications, staff in this office prepare an evaluation of the file and make an admission decision where the appropriate authority has been delegated by the Faculty. For the remaining applications, we make a recommendation on admission and forward the evaluation to the Faculty office for a decision.

High school transcripts for Alberta students are expected from the Alberta Department of Education by 22 July. Transcripts for high school applicants from outside the province usually become available around this time as well.

As of 3 July, 3,679 applicants had been admitted; this is 276 more than at the same time last year. An additional 983 applicants have been granted "Early Admission" compared with 940 for the same period in 1984. These students will have

their admission confirmed once we have received their final and official transcript provided that they have continued to meet the entrance requirements for their particular Faculty.

We have processed applications in record time this year and feel that the slight increase in both applications statistics and number admitted to date is a reflection of a better turnaround time in our office. Therefore, at this point we do not expect a substantial increase in the size of the applicant pool or in the number of students admitted for the Winter Session 1985-86, but suspect that the numbers will be consistent with those of last year.* □

* Reprinted from Rumor, the Registrar's Universal Means of Revealing, Issue No. 10.

Theriological Congress a Mammoth Affair

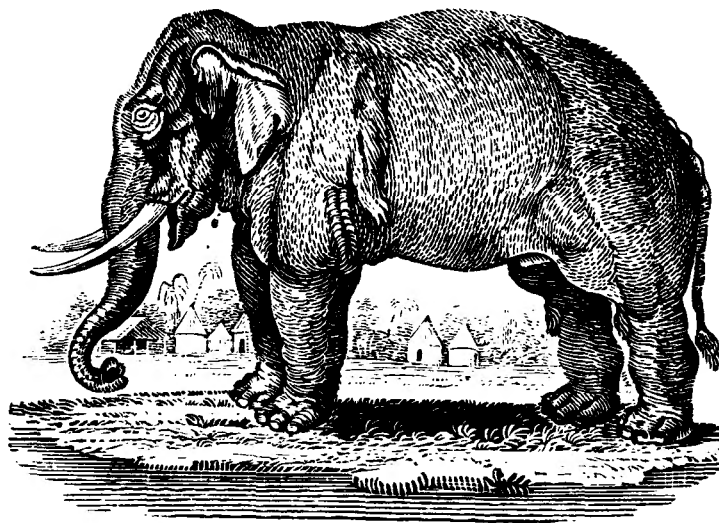
The Fourth International Theriological Congress, to be held here from 13 to 20 August, is expected to attract about 1,000 scientists from 50 countries. The Department of Zoology is hosting the Congress, the first to be held outside Europe.

William Fuller, Professor Emeritus of Zoology, is Conference Chair.

Delegates will share information on mammals as diverse as wolves, rhinos and extinct rodents. There will be some 30 general sessions which will cover the biology of Af-

rican mammals, Arctic marine mammals, beavers, fossil mammals, game ranching, control of mammal pests and adaptation of mammals to the cold. Another 20 workshops will deal with bears, nocturnal mammals, rodents, weasels, wild pigs, wolf management and use of mammals as indicators of environmental problems.

Among the visiting scientists is Vladimir Sokolov, one of the top zoologists in the U.S.S.R. and a member of the select Academy of Sciences. □



Business Faculty Honors Undergraduate Award Winners

The annual Faculty of Business Undergraduate Awards were held 3 June at the Stollery Executive Development Centre. Recipients of awards included Anne Marie Jackson, who won the Deloitte Haskins & Sells Scholarship, the Lennie M. McNeill Memorial Prize, and the Luscar Ltd. Scholarship in Business.

Robert Moore Betty was the recipient of the T. Eaton Company Limited Medal in Commerce and the Financial Executives Institute Silver Medal in Finance, and John Benjamin Wilson won the George C. Berge Scholarship and the Luscar Ltd. Scholarship in Business. Other Luscar Ltd. Scholarships were awarded to Joseph Vincent Ostermann, and Michael Dean Grant, both of whom also received the Board of Governors Prize.

Other award winners included Bernard Erich Kuelker and Dawn Patricia Stengel, who won the Thorne Riddell and Company Scholarship, and Jeff Ronald Lloyd, who received the Touche Ross and Company Scholarship. The Cooke Shandling Prize in Business Law was won by Keith Cyril Ingram, and David Bruce Dunlop and Lynda Lee Kiel won the Society of Management Accountants of Alberta Scholarship in Accounting. The E.S. (Stan) Sunley Scholarship went to Maureen Seanna Galway, the Keith V. Brennan Memorial Scholarship in Accounting to Jacalyn Marie Erkamp and Philip Ray Beaulieu, and the Christopher Douglas Brown Memorial Scholarship in Marketing to David Richard Boyd and May Lynn Todrick. Maureen Patricia Torsher won the T. Eaton Company Limited Medal in Commerce. □

Surplus Equipment

The equipment appearing in this column is available only to University Departments with University-administered funds. For further information, telephone Jody Brookwell or Roy Bennett, 432-3208.

For Sale: (1) Parallel Port for IBM PC
(1) Serial Port for IBM PC
(1) Disk Drive for IBM PC
360 KB dual sided floppy disk drive
For more technical information, telephone Marie Stuckey or S. Kaufman, Department of Medicine, 432-6070.
(1) Picker X-ray Generator Model #6147D
For more technical information, telephone M. James, Department of Biochemistry, 432-4550 or 432-2422.

Award Opportunities

The Bora Laskin National Fellowship

A campaign to attract applicants for the Bora Laskin National Fellowship in Human Rights Research is now under way. The deadline for applications is 1 October 1985. *Donor:* Secretary of State of Canada. *Objective:* The fellowship encourages multidisciplinary and/or interdisciplinary research and the development of expertise in the field of human rights. The research to be performed should emphasize themes and issues relevant to the Canadian human rights scene. The fellowship is intended to involve disciplines from the arts, humanities and the social sciences, as well as journalism and law. *Where tenable:* Canada. Short trips abroad are permitted, but approval for travel must be sought. *Eligibility:* Canadian citizens or permanent residents of Canada for at least 12 months. *Level:* Applicants should have a graduate degree or equivalent in one or more fields to be addressed by the multidisciplinary or interdisciplinary research. Preference will be given to those who have proven experience in their field. *Value:* Up to \$45,000 with an accountable amount of \$10,000 to cover travel and/or research expenses. *Terms:* One fellowship will be awarded, and will be tenable during a 12-month period. It will be awarded annually and will start on a mutually agreeable date between 1 April and 30 September. The award is not renewable. *Applicants' questions or correspondence should be directed to:* Fellowships Division, Social Sciences and

Humanities Research Council of Canada, P.O. Box 1610, Ottawa, Ontario K1P 6G4. The Council's offices are at 255 Albert Street, Ottawa, telephone (613) 992-3202.



All About Small Claims

A public seminar on small claims will be held on 14 August. The seminar, sponsored by Student Legal Services, will get underway at 7 p.m. in 237 Law Centre.

Suzuki Conference

The Seventh Suzuki International Conference, to run 17 to 21 August on campus, has student teacher recitals, concerts and a public concert in the offing. The latter is slated for the Jubilee Auditorium on 18 August at 7:30 p.m.

Shinichi Suzuki, assisted by four other master teachers, will teach students directly and advise teachers of the Edmonton Society for Talent Education on instructional methods.

Some 1,500 students, teachers and parents are expected to attend the conference.

Positions

The University of Alberta is committed to the principle of equal opportunity in employment and encourages applications from all qualified people.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Academic

Finance Officer, Housing and Food Services

Housing and Food Services provides residences and housing facilities for 3,200 students, provides food services to some 30,000 people daily and offers diverse services through our conference centre. We are a service department with operating revenue and expenditures in excess of \$13.4 million annually.

We are looking for a competent and dedicated professional to complement our management team. The Finance Officer prepares and reconciles annual budgets, reviews and upgrades accounting systems, oversees the day-to-day running of the Finance Division, produces statements and reports with variance analysis for the Director and other managers and constantly strives to improve the financial effectiveness of our department. The incumbent will be instrumental in our transition from a manual to a computerized accounting system, will assist in short- and long-term financial planning and supervise a staff of seven.

The ideal candidate will have a BCom with an RIA or CGA certificate and at least three years directly related management experience, preferably in a large organization. You should have a well-rounded knowledge of accounting practices, extensive knowledge of budgetary procedures, computer experience and proven supervisory skills. This challenging position will appeal to someone who is meticulous, highly organized and who can respect deadlines.

Salary: \$27,760 to \$41,644 per annum. The University of Alberta offers a comprehensive benefits package.

Please apply by résumé to E. Honeychurch, Housing and Food Services, Room 4, Lister Hall, University of Alberta, Edmonton, Alberta T6G 2H6.

Secretary, Faculty of Arts

The Faculty of Arts is seeking the services of a Faculty Secretary.

In general terms, the Faculty Secretary is responsible for the development and provision of an administrative support structure which will enable the Faculty's legislative and executive bodies, as well as its planning and policy committees, to function effectively and resourcefully. More specifically, the Faculty Secretary provides administrative and executive services to Arts Faculty Council and its Executive Committee, to the Academic Planning Committee, the Curriculum Committee and a number of smaller Tenure and Chairman selection committees. The type of services provided will run the gamut from provision of agendas and minutes through the anticipation and researching of information needs.

The Faculty of Arts is one of the largest Faculties at the University of Alberta, encompassing some 20 academic units and employing approximately 400 full-time academic staff members. The very large size of the Faculty contributes to the complexity of its committee work and to the volume of coordination required to provide a functional administrative support structure. The

Faculty Secretary is therefore an extremely important member of the Faculty's management system.

The preferred candidate will possess above average organizational and interpersonal skills and will ideally have previous experience in working with committees. Preference will be given to candidates with previous work experience in a post-secondary institution. The successful applicant will display a capacity for independent action and decision-making within very broad policy guidelines. Excellent ty skills are required.

This is a full-time position with an Administrative/Professional Officer designation and a 1985-86 salary range of \$25,906 to \$38,869.

Interested candidates should forward their applications, including references, to Mr. Fran Trehearne, Executive Assistant to the Dean of Arts, 6-33 Humanities Centre, University of Alberta, Edmonton, Alberta T6G 2E5.

Deadline for applications is 28 August 1985.

Executive Assistant, Management Advisory Institute

An Executive Assistant is required for the Management Advisory Institute on a temporary basis, 15 August 1985 to 30 April 1986. Prefer BCom or MBA. Must be willing to work at both professional and clerical/secretarial level. Salary negotiable. Some flexibility in working hours. Send application to: Management Advisory Institute, 2-22 Faculty of Business Building, University of Alberta, Edmonton, Alberta T6G 2R6. For more information, telephone 432-2225.

Non-Academic

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. These vacancies cannot be guaranteed beyond 2 August 1985.

Clerk Typist II, Sociology (\$1,190-\$1,478)
Clerk Typist II (Recurring Term), Zoology, (\$1,190-\$1,478)
Clerk Steno II, Nursing, (\$1,190-\$1,478)
Clerk Steno II (Term), Recreation and Leisure Studies, (\$1,190-\$1,478)
Senior Financial Records Clerk (Trust), Cancer Research Group, (\$1,326-\$1,666)
Admissions Records Clerk, Registrar's Office, (\$1,326-\$1,666)
Public Relations/Publications Clerk II (Trust), Extension—Legal Resource Centre, (\$1,326-\$1,666)
Student Record Processing Clerk I, Arts, (\$1,326-\$1,666)
Clerk Steno III (Part-time), Business, (\$663-\$833)
Clerk Steno III (Part-time/Trust), Medicine, (\$663-\$833)
Clerk Steno III, Comptroller's Office, (\$1,326-\$1,666)
Clerk Steno III (Trust), Civil Engineering, (\$1,326-\$1,666)
Clerk Steno III, Civil Engineering, (\$1,326-\$1,666)
Clerk Steno III (Term), Extension (Local Government Studies), (\$1,326-\$1,666)
Clerk Steno III, Drama, (\$1,326-\$1,666)
Clerk Steno III, Business, (\$1,326-\$1,666)
Clerk Steno III, Special Sessions, (\$1,326-\$1,666)
Clerk Typist III, Personnel Services and Staff Relations, (\$1,326-\$1,666)
Clerk Typist III (Trust), Immunology, (\$1,326-\$1,666)
Clerk Typist III, Housing and Food Services, (\$1,326-\$1,666)
Dental Assistant II (Recurring Term), Dental Health Care, (\$1,425-\$1,810)
Medical Stenographer (Trust), Medicine, (\$1,478-\$1,888)
Medical Stenographer, Surgery, (\$1,478-\$1,888)

FOLIO

Volume Twenty-two Number Three

Office of Public Affairs
423 Athabasca Hall
University of Alberta
Edmonton, Alberta T6G 2E8
(403) 432-2325

All enquiries and correspondence should be directed to:
Ron Thomas
Editor

Public Affairs produces *Folio* on a regular basis for the staff and other interested persons.



University
of
Alberta

Deadlines:

Notices of coming events: 9 a.m. three weeks in advance of desired publication date.

Classified advertisements: 3 p.m. one week in advance of desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 30 per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission. **Display advertisements:** 3 p.m. one week in advance of desired publication date. Contact Public Affairs for sizes, rates and other particulars.

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For vacant Library positions, telephone 432-3339.

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

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Sale - 1.18 acres within city with two-storey, custom-built home. Many extras. Call Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Residential city lots. All over an acre. Some ravine. For details, call Chris Tenove, 433-5664, 436-5250. Spencer's.

Accommodations wanted

Dependable couple (one child, non-smokers) available to house-sit during study leave. Phone 455-4812.

Professional couple (one baby, non-smokers) need clean, quiet home close to University. 15 August or 1

September. (Edmonton) 488-9604, (Calgary) 1-286-9319. Will take excellent care of home. Rent \$500-\$750.

Visiting professor requires furnished accommodation for fall term near University or bus-line. Call Ken weekdays at 432-5234.

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1980 Toyota Corolla, liftback. Auto., AM/FM, \$4,900. Call 436-8678, 432-3602, Nakahara.

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Sale - Canadian Bell, upright piano. 54", excellent condition. \$1,850 or offers. Phone 483-4218, (1 August) 486-5648.

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Backaches? Stress tension? Special therapy at Back-Basics (supplementary healthcare reimburses treatment costs). Maria Krieg is a spine specialist, university-trained in Düsseldorf. 11610 75 Avenue. 436-8059.

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Volunteers wanted to participate in a study of hand function. Testing takes 45 minutes. Please call 432-2499.

Canadian Power Squadrons - Boating safety and navigation courses for power and sail begin week of 16 September. Register now with Bryan Airth, 437-0700, or Noel Avery, 466-8947.

Fred Katz

PHOTOGRAPHER

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PREVIEWING: 12:00 to 6:00 p.m. Aug. 28th

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